Ministry of
Northern Development
and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

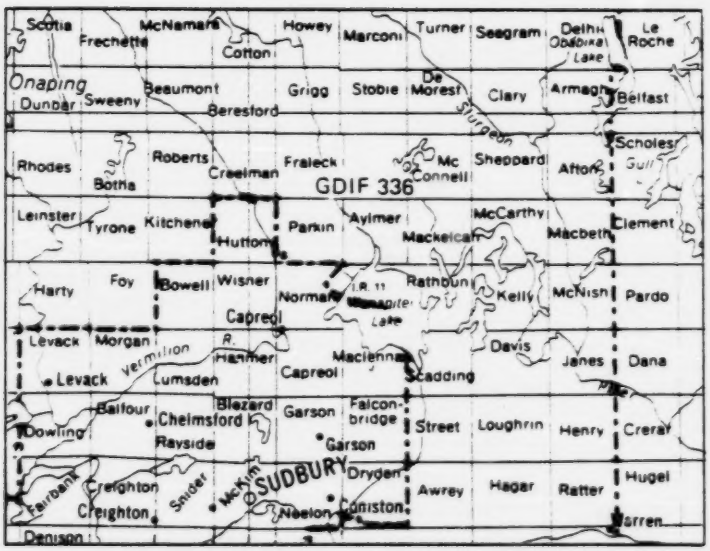
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 336

AYLMER TOWNSHIP

DISTRICT OF SUDBURY

Compiled by the Staff of
the Resident Geologist's Office
Sudbury



LOCATION MAP Scale: 1: 013 760 or 1 inch to 16 miles

mber 41 I/15

87-06510/ Claim Map Number G2901

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey

1987: Aylmer Township, District of Sudbury; Ontario Geological Survey, Geological Data Inventory Folio 336, compiled by the staff of the Resident Geologist's Office, Sudbury, 18p. and 2 maps.

Original Compilation by: Jerome, Lucille August, 1986

Date	Page Revised	Revised by

Date	Page Revised	Revised by

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ACCOMPANYING MAPS

Property Location Map - 1

Exploration Data Map - 1

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	**20.116 8**	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	**2.589 988**	km^2
1 ha	2.471 054	acres	1 acre	**0.404 685 6**	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	**0.028 316 85**	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	**0.764 555**	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	**0.568 261**	L
1 L	0.879 877	quarts	1 quart	**1.136 522**	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	**28.349 523**	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

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DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	L. J.
2	Assessment Files Research Office, Toronto	N. A.	L. J.
3	ODM General Index; 9 Volumes	Yes	L. J.
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	L. J.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	L. J.
6	ODM Industrial Mineral Reports	No	L. J.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	L. J.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	L. J.
9	Newspaper Clippings File	Yes	L. J.
10	GSC Index to Publications	Yes	L. J.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	L. J.
12	OGS Index Maps	Yes	L. J.
13	Source Mineral Deposit Records (O.G.S.)	Yes	L. J.
14	Author - Subject Articles File	Yes	L. J.
15	Miscellaneous Papers: ODM & OGS	Yes	L. J.
16	ODM Geological Circulars: OGS Study Series	Yes	L. J.
17	ODM Preliminary Reports: ODM Bulletins	No	L. J.
18	ODM – OGS Open File Reports	Yes	L. J.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	L. J.
20	OGS Aggregate Resources Inventory Papers	No	L. J
21	OGS Mineral Potential Maps	Yes	L. J.
22	Theses on File, Sudbury	Yes	L. J.
23	Aerial Photographs on File, Sudbury	Yes	L. J.

METALS AND MINERALS REFERENCES LIST

- △ anh . . . . . Anhydrite
- △ ank . . . . . Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . Apatite
- △ arg . . . . . Argentite
- △ As . . . . . Arsenic
- △ asp . . . . . Arsenopyrite
- △ asb . . . . . Asbestos
- △ ba. . . . . Barite
- △ be. . . . . Beryl
- △ Bi. . . . . Bismuth
- ▲ bn . . . . . Bornite
- △ bran . . . . . Brannerite
- △ bruc . . . . . Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- ▲ carb . . . . . Carbonate
- △ cel . . . . . Celestite
- △ cc. . . . . Chalcocite
- ▲ cp. . . . . Chalcopyrite
- △ ch. . . . . Chert
- △ clay . . . . . Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . Columbite
- ▲ Cu . . . . . Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . Feldspar
- △ fl . . . . . Fluorite (flurospar)
- △ fu. . . . . Fuchsite
- △ gn. . . . . Galena
- △ gt . . . . . Garnet
- △ goe . . . . . Goethite
- △ Au . . . . . Gold
- △ gf . . . . . Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . Ilmenite
- △ Fe . . . . . Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . Magnesite
- △ mag . . . . . Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . Marl
- △ mi . . . . . Mica
- △ ml . . . . . Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . Niccolite
- △ Ni. . . . . Nickel
- △ Nb . . . . . Niobium
- △ Pd . . . . . Palladium
- △ peat . . . . . Peat
- △ pent . . . . . Pentlandite
- △ Pt. . . . . Platinum
- ▲ py . . . . . Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . Pyrolusite
- △ po . . . . . Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . . Quartz carbonate vein
- △ ra. . . . . Radioactive minerals
- △ RE . . . . . Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- △ Ag . . . . . Silver
- △ sl . . . . . Slate
- △ sm . . . . . Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . Sphalerite
- △ spd . . . . . Spodumene
- △ staur . . . . . Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . Stone
- △ talc. . . . . Talc
- △ Te . . . . . Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . Thorite
- △ Th . . . . . Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . Tourmaline
- △ trap . . . . . Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- △ U . . . . . Uranium
- △ verm . . . . . Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . Zinc
- △ zr . . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

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MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Aylmer Township (NW¼)	Cu	Cu 5	MRC 2 p. 103	Thompson, J.; Copper, nickel, lead and zinc deposits in Ontario, 1957
B	Barry Prospect	cp, py	--	--	Mineralization noted in log
C	Kennco Explorations Ltd.	py	--	--	Mineralization noted in log
D	Pit Operations-Telteck Expl.	cp, bn	--	--	Surface mineralization GR 213

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	CHIP SAMPLING	STONE PIT OPERATION	
	COMPANY/AUTHOR (file number)																			
1	Ateba Mines Ltd. (Canadian Occidental Petroleum)	81							81	31										
2	Barry, Harold V.				52													49		
3	Billoki, J. J.				65															
4	Canadian Occidental Petroleum								81	81										
5	Dennie, R. C.				64															
6	Kennco Explorations Ltd.	58	58	58	58				58	58	58									
7	McKay, McCleod Property	65																		
8	Nova Beaucage Mines Ltd.														66		66			
9	Sheppard, Thomas			84								82								
10	Telteck Explorations Ltd.																		82	

GDIF FORM NO. 2

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DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	Barry, H.	1	1952		90	7.5	100	cp, py	Cu, Au, Ag
		2	1952		45	0	215	cp	
2	Kennco Explorations Ltd.	1	1958	212	-45	1	92	py	Cu
		2	1958	220	-60	0	38.4		
3	Dennie, R. C.	1	1964		90	0	200		
4	Billoki, J. J.	B-1	1965	027	-40	19	369	cp, py	
5		B-2	1965	207	-45	5	541	py, cp, mag, hem	

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
4	Kenting Earth Sciences Ltd. Canadian Occidental Petroleum	Airborne Magnetometer and Electromagnetic	150' to 200'	East/West North/South	1320'
6	Canadian Aero Services Ltd. Kennco Explorations Ltd.	Airborne Magnetometer, Electromagnetic[1] and radiometric[2]	150'	SE/NW	1000'

[1] No Anomaly

[2] No Anomaly

GDIF FORM NO. 4

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GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
1, 2	Silt Sampling	Copper, Lead, Zinc	Kennco Explorations Ltd.	Aylmer, 0011-A1 (Sudbury Assessment File)

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

Chip Sampling - In 1949, a series of chip samples taken from the discovery pit (location on map) on the Barry property were assayed and found to contain copper, gold, and silver

Reference: Barry Copper Showing (0014-A1 Sudbury Assessment File)

GDIF FORM NO.6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

Ateba Mines

Northern Miner	June 18, 1971
	April 14, 1983
	September 11, 1983
	September 20, 1984

Canadian Occidental Petroleum

Northern Miner	April 28, 1983

Commercial Marble Quarry Planned at Lake Wanapitei

Sudbury Star	September 28, 1966

Nova Beaucage Mines

Northern Miner	August 18, 1983
	September 22, 1983
	October 13, 1983

ODM GENERAL INDEX SEARCH

Words searched:

ATEBA MINES LTD	CAPREOL TOWNSHIP	CRYSTAL GOLD MINE
AYLMER TOWNSHIP	CANADIAN OCCIDENTAL PETROLEUM	GASPARINI
BARRY COPPER SHOWING	COBALT SERIES	GOLDEN BRIAR
BARRY, H. V.	CONSOLIDATED PROFESSOR MINES LTD.	GOWGANDA FORMATION
BARRY OPTION	COPPER	HURONIAN AGE
BILLOKI, J. J.	CORNER BAY EXPLORATIONS	JONES LAKE

Index Volume	Listing:	Report Volume	Part	Page
7	Aylmer Township, Sud. Rocks, structure	GR1		12
9	Aylmer and Rathbun tps., Sudbury Dist. summary of field work, 1977, by B. Dressler	MP075		107-109
3	Cobalt Series Moose Mtn - Wanapitei Area	41	4	34, 35
2	Cobalt Series Northern Ont., veins in	31	2	8, 333, 335
7	Copper Ontario Deposits, notes on	GC13		91-93
3	Crystal Gold Mine, Rathbun tp. History; Mineralization Production	41 49	1 1	46 17
1	Dewdney Lake, N. of Wanapitei Lake Country around, character Rocks	N.O. N.O. N.O.		83 84 85
3	Gowganda Formation Moose Mtn. - Wanapitei Area Limestone analysis	41 41	4 4	34, 35 35
2	Huronian Northern Ontario classification	31	2	350
1	Huronian System Wanapitei Lake area south of	7 13 6	 1 	137 221 169
9	Kennco Expl. (Canada) Ltd. Aylmer tp., Sudbury Dist.	MP075		108-109
6	Nova Beaucage Mines Ltd. Capital; officers; operations	69	2	92

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

KENNCO EXPLORATIONS LTD.
LORRAIN FORMATION
MACKELCAN TOWNSHIP
NOVA BEAUCAGE MINES
OTTER LAKE SHOWING
PARKIN TOWNSHIP
SAM MARTIN LAKE
SHEPPARD, T.
TELFER TOWNSHIP
UPPER HURONIAN
WANAPITEI LAKE AREA
WOLF LAKE

Index Volume	Listing:	Report Volume	Part	Page
3	Parkin Tp., Sud			
	Fault	41	4	36
	Gold Prospects	41	4	36-48
	Rocks	41	4	31,33-35
	diabase, analysis	41	4	33-35
	limestone analysis	41	4	30
2	Iron Formation, charcter	I.O.		207
	Prospecting. Revival	31	1	44
8	Parkin tp., Sudbury Dist.			
	Iron	MRC011		355
	Nickel/copper/platinum	MRC012		259
	Uranium	MRC009		80
1	Wanapitei Lake, Sud.			
	Copper	R.C.		24, 434
		1		234
	Gold on and near	R.C.		27
		1		92
		2		5, 191
		3		13
		4		123
		5		8
	Mining	4		4
		N.O.		112, 113
	assessment work	2	1	53
9	Wolf Lake			
	Cotton tp., Sudbury Dist.	GR143		45, 46

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAP		
Card, K. D.	1966-67	Sudbury Mining Area	O.G.S. Map 2170	1" = 1 mile
Card, K. D., Lumbers, S. B.	1974-75	Sudbury-Cobalt	O.G.S. Map 2361	1" = 4 miles
Dressler, B. O.	1983	Sudbury Mining Area - East Part	O.G.S. Map 2603	1:50,000
	1984	Sudbury Geological Compilation	O.G.S. Map 2491	1:50,000
Meyn, H. D.	1966	Capreol Sheet	O.D.M Map P.367	1" = 2 miles
		GEOPHYSICAL MAPS		
O.D.M. - G.S.C.	1965	Aeromagnetic Map, Sudbury, Ont.	Map 7067G	1" = 4 miles
Dept. of E. M. R.	1975	Aeromagnetic Map, Milnet Sheet	Map 1512G	1" = 1 mile
G.O.H. Consultants	?	Aeromagnetic Map, Sudbury Research Project Gamma Ray Spectrometry	Map 4	1" = ½ mile
O.G.S. - G.S.C.	1976	Uranium Reconnaissance Program, Airborne Gamma Ray Spectrometry	Map P.1610	1:250,000
Gupta, V. K.	1981	Bouguer Gravity and Generalized Geology Map, Sudbury -Onaping Lake	O.G.S. Map P.2482	1:100,000
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Dept. of Energy, Surveys and Mapping Branch	1975	Topographic Map, Milnet		1:50,000
Gartner, J. F.	1978	N.O.E.G.T.S. Data Base Map, Capreol N.O.E.G.T. Study 95 Capreol	Map 5001	1:100,000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Surveys and Mapping Branch	1976	Topographic Map, NTS 41 I/NE Capreol		1" - 2 miles
		MINERAL POTENTIAL MAPS		
Gordon, J. B.	1977	Gold Deposits of Ontario, East Central Sheet	O.D.M. Map P.1228	1" = 16 miles
Robertson, James A.	1982	Uranium and Thorium Deposits of Ontario, East Central Sheet	O.D.M. Map 2426	1" = 16 miles
Springer, Janet	1977	Ontario Mineral Potential, Northern Part of Sudbury Sheet and Part of North Bay Sheet	O.G.S. Map P.1512	1:250,000
		GEOCHEMICAL		
Fortescue, J. A. C.	1985	Preliminary Studies of Lake Sediment Geochemistry in an Area Northeast of Sudbury	O.G.S. Map 80756	1:600,000
		GEOLOGICAL REPORTS AND MAPS		
Adlington, R.	1981	Aylmer Township, Sudbury Data Series	O.G.S. Map P.2190	1" = ¼ mile
Dressler, B.	1981	Otter Lake-Sudbury District	O.G.S. Map 2450	1" = ½ mile
	1982	Geology of the Wanapitei Lake Area	O.G.S. Report 213 Map 2450	1" = ½ mile
Kindle, L. F.	1932	Moose Mountain-Wanapitei Area	O.D.M. AR Vol. 41, pt. 4, Map 41E	pp. 29-49 1" = 3/4 mile
Meyn, H. D.	1970	Geology of Hutton and Parkin townships	O.D.M. Geol. Rep.80 Map 2180	1" = ½ mile

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Pye, E. G., Naldrett, A. J. Giblin, P. E.	1984	Geology and ore deposits of the Sudbury Structure	O.G.S. Spec. Vol. 1 Map 2491	1:50,000
		JOURNALS, ARTICLES, THESES, TECHNICAL REPORTS		
Barlow, A. E.	1904	Report on the Origin, Geological Relations and Composition of the Nickel and Copper Deposits of the Sudbury Mining District, Ontario	AR, Vol. 14, pt. H Maps 775, 820, 824, 825, 864	
	1906	On the Origin and Relations of the Nickel and Copper Deposits of Sudbury, Ontario, Canada	Econ. Geol. 1	pp. 545-553
Bell, R.	1891	The Nickel and Copper Deposits of Sudbury District	Geol. Soc. of Amer. Bull., Vol. 2	pp. 125-140
Carter, O. F.	1936	The Structural features of the gold deposits of Ontario, M. A., University of Toronto	MP 2	
Coleman, A. P.	1900	Copper and iron regions of Ontario	O.D.M. AR, Vol. 9 Map 9A	pp. 143-191
Collins, W. H.	1917	Geological Survey of Canada	Memoir 95	p. 68
Cunningham-Dunlop, P. K.	1954	Structural geology of Ontario pyrite deposits, Sudbury, Ontario, M. A. Sc., University of Toronto	MP 2	
Dence, M. R.	1981	Meteorite Breakup	Nature Vol. 239	pp. 346-347
Dence, M. R., et al		Coesite from the Lake Wanapitei Crater, Ontario	Earth & Planetary Science Letters, Vol. 22	pp. 118-122

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Dence, M. R., Popelar, J.	1972	Evidence for an impact origin for Lake Wanapitei, Ontario	G.A.C. Spec. Paper 10	pp. 117-124
Dickson, Charles W.	1903	Ore-deposits of Sudbury, Ontario, Ph. D., Col.	MP 2	
Dressler, B. O.	1980	Geology of the Wanapitei Lake Area, Dist. of Sudbury	OFR 5287	
Eade, Kenneth Edgar	1950	The Huronian rocks of northwestern Ontario; M.Sc., McGill University		
Flag Resources Ltd.	1983	The Wolf Lake Gold Project	Ann. Report '83	
Goad, Robin E.	1982	A description and proposed genesis of the Wolf Lake gold deposit	Sud. Theses #38	
Harper, G.	1983	The geology of the Scadding gold deposit	Paper #9, Sud. Min'l Kaleidescope	
Lindeman, E.	1914	Moose Mountain iron bearing district, Ont. Canada	Dept. Mines No. 303	
Muir, T. L.	1981	Geology of the Capreol area, Dist. of Sudbury	OFR 5344	
Pearson, Walter John	1959	Origin of the kyanite occurrences in the Wanapitei and Crocan Lake areas of Ontario; Ph.D., Queen's	MP 2	
Quirke, T. T.	1921	Wanapitei Lake Map - area	Sum. Rept. 1921, pt. D, with map 1948	pp. 34-50
	1967	Register of assessment work 1965-66	MP 13	p. 5
Robertson, J. A., Ferguson, S. A.	1957	Copper, nickel, lead and zinc deposits in Ontario	MRC 2	

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Rowell, William Frank	1984	Platinum group elements and gold in the Wanapitei Nipissing-type intrusion, Northeastern Ontario	Sud. Theses	
Shklanka, R.	1969	Copper, nickel, lead, and zinc deposits of Ontario	MRC 2	
Vos, M. A., Smith, B. A., Stevenato, R. J.	1981	Industrial minerals of the Sudbury area	OFR 5329	
Winzer, S. R., Lum, R.K.L., Schumann, S.	1976	Rb, Sr and strontium composition, K/Ar age and large ion lithophile trace element abundances in rocks and glasses from the Wanapitei Lake impact structure	Geochim. Cosmochim. Acta, Vol. 40	pp. 51-57

AYLMER TOWNSHIP

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages

GDIF FORM NO.9

NOTES AND ADDENDA

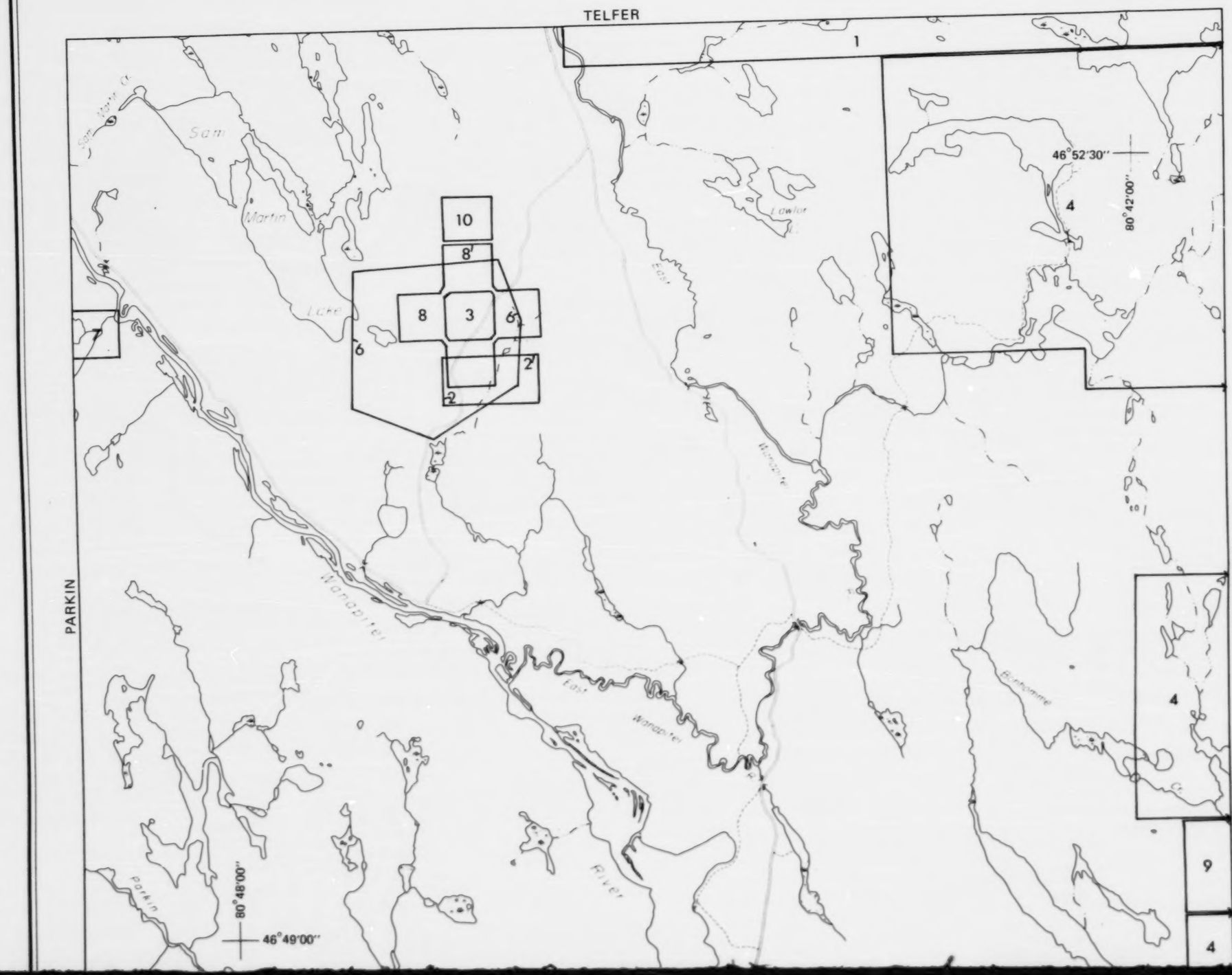
Aylmer Township

Air Photos

Scale 1" = ¼ mile

Year	Roll	Line	Numbers
1970	24	4634	190-196
	24	4633	237-242
1959	5	4634	123
	66	4633	41-43
	5	4632	91
1946	40	139	73-80
	40	140	74-77
	38	141	29-35
	37	142	17-23

GDIF FORM NO.10



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ONTARIO GEOLOGICAL S

PROPERTY LOCATIO

GEOLOGICAL DATA INVENTO

(Map 1 of 2)

AYLMER TOW

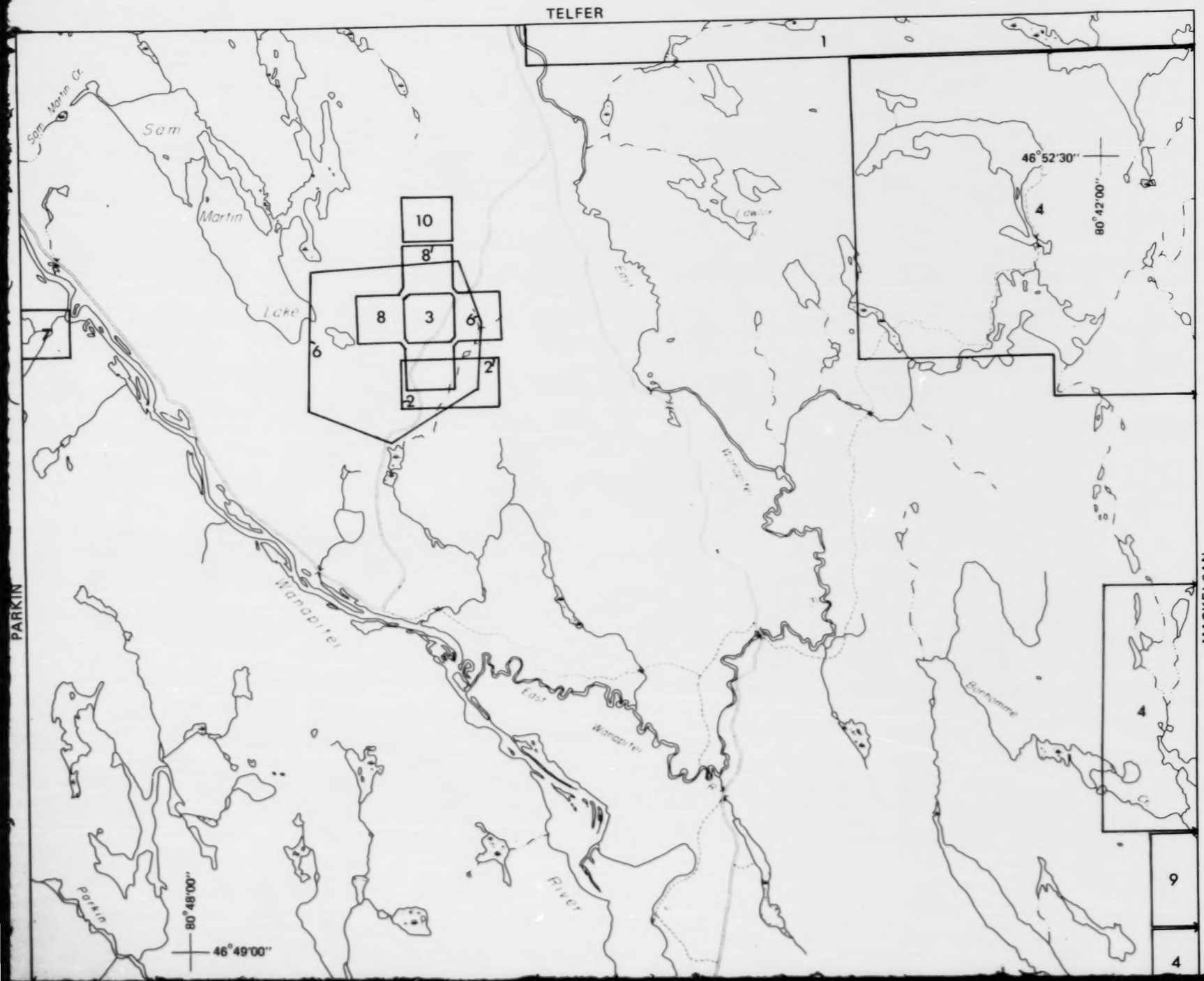
DISTRICT OF SUDB

Scale 1:31 680

Kilometre 0.5 0 0.5

Mile 0.5 0 0

EXPLORATION DA



Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 336

(Map 1 of 2)

AYLMER TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

EXPLORATION DATA FILE AREAS

(Map 1 of 2)

AYLMER TOW

DISTRICT OF SUD

Scale 1:31 680

Kilometre 0.5 0 0.5

Mile 0.5 0 0

PARKIN

MACKELCAN

80°42'00"

80°48'00"

46°49'00"

10

8'

8

3

6'

7

6

2'

2

4

4

9

4

5

Wanapitei River East

Wanapitei River

Parkin Creek

Bonamme Creek

Bonamme

Lake

EXPLORATION DAT

■ 1 6 Reference number is alwa
See listing in text pages.

□ x 4 Small area exploration

(Map 1 of 2)

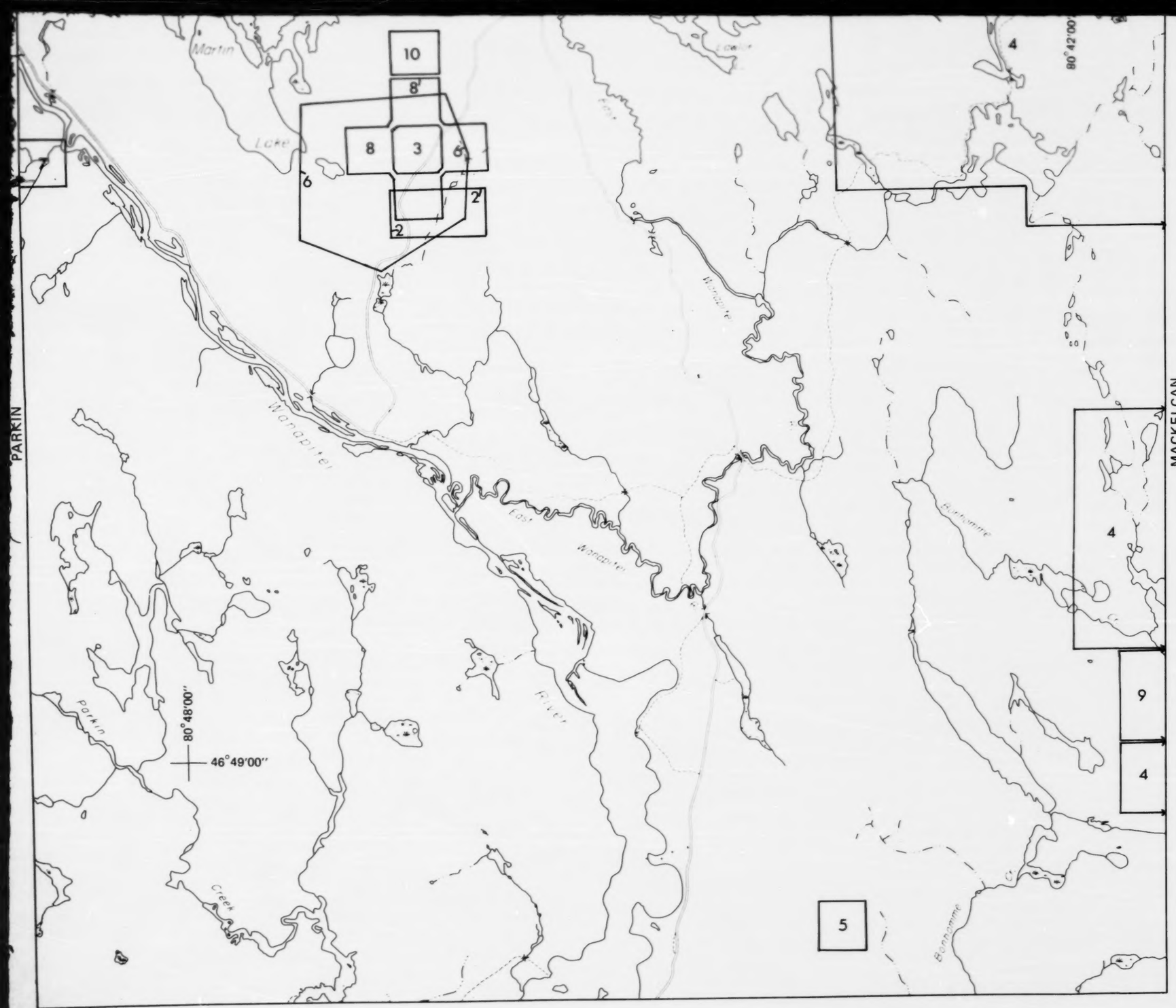
AYLMER TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



EXPLORATION DATA FILE AREAS

■ 1 6 — Reference number is always inside work area outlined. See listing in text pages.

□ x 4 — Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- ■ ◆³ — Geochemical sample site, with reference number, exact location uncertain
- □ ◆³ — Area of geochemical sampling, with reference number
- □ ✳² — Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

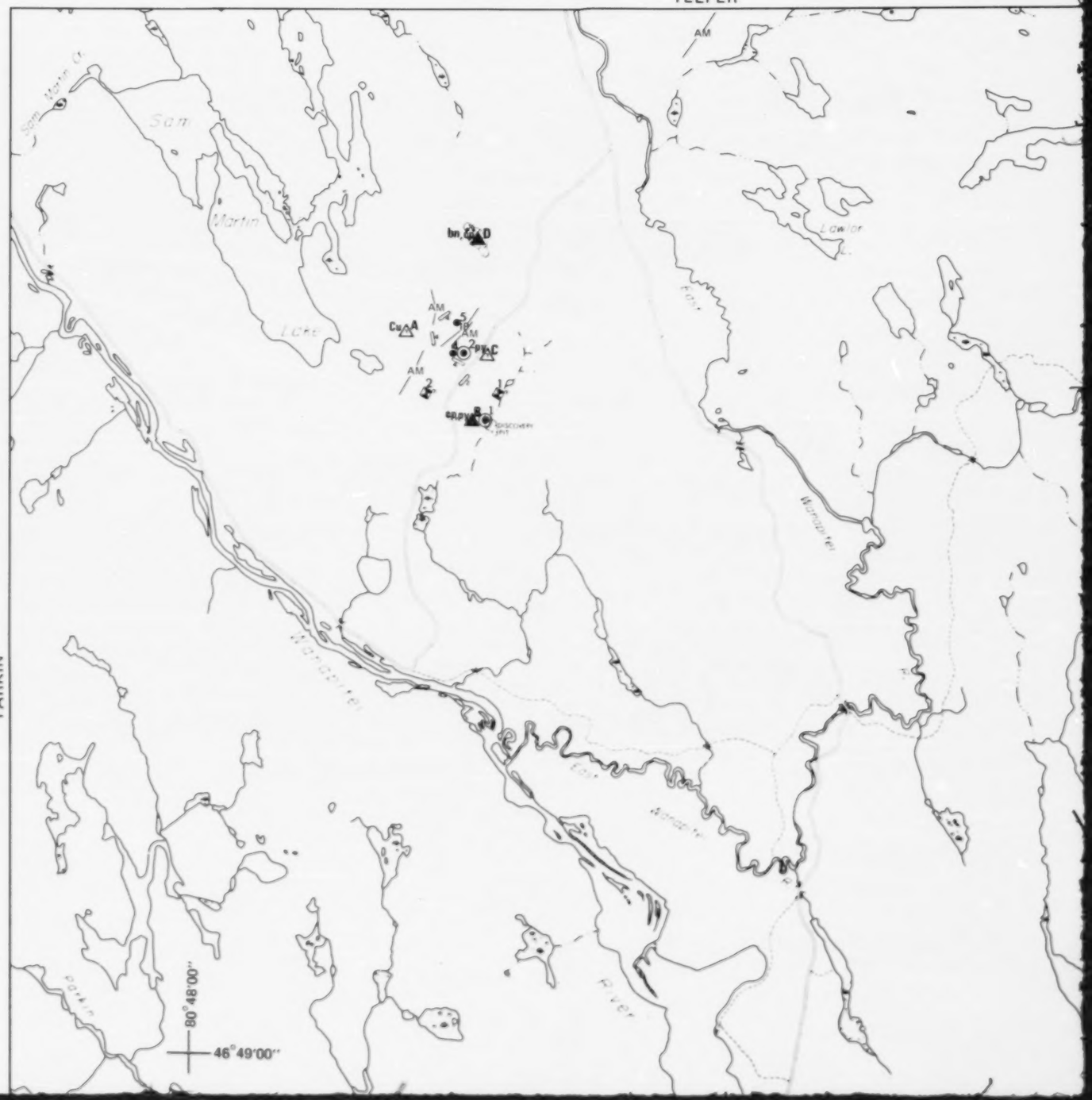
- ■ AM — Airborne magnetic anomaly
- □ — Airborne electromagnetic anomaly Length of anomaly along flight line
- □ — Airborne electromagnetic anomaly Location of anomaly along flight line
- ■ — Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- □ ARA — Airborne radiometric anomaly
- □ M — Ground magnetic anomaly
- ■ VL — Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- □ RA — Ground radiometric anomaly
- ■ IP — Induced polarization anomaly
- □ SP — Self potential anomaly
- □ AFMAG — Audio-frequency magnetic anomaly (total intensity)
- □ R — Resistivity anomaly
- □ GR — Gravity anomaly

MISCELLANEOUS DATA

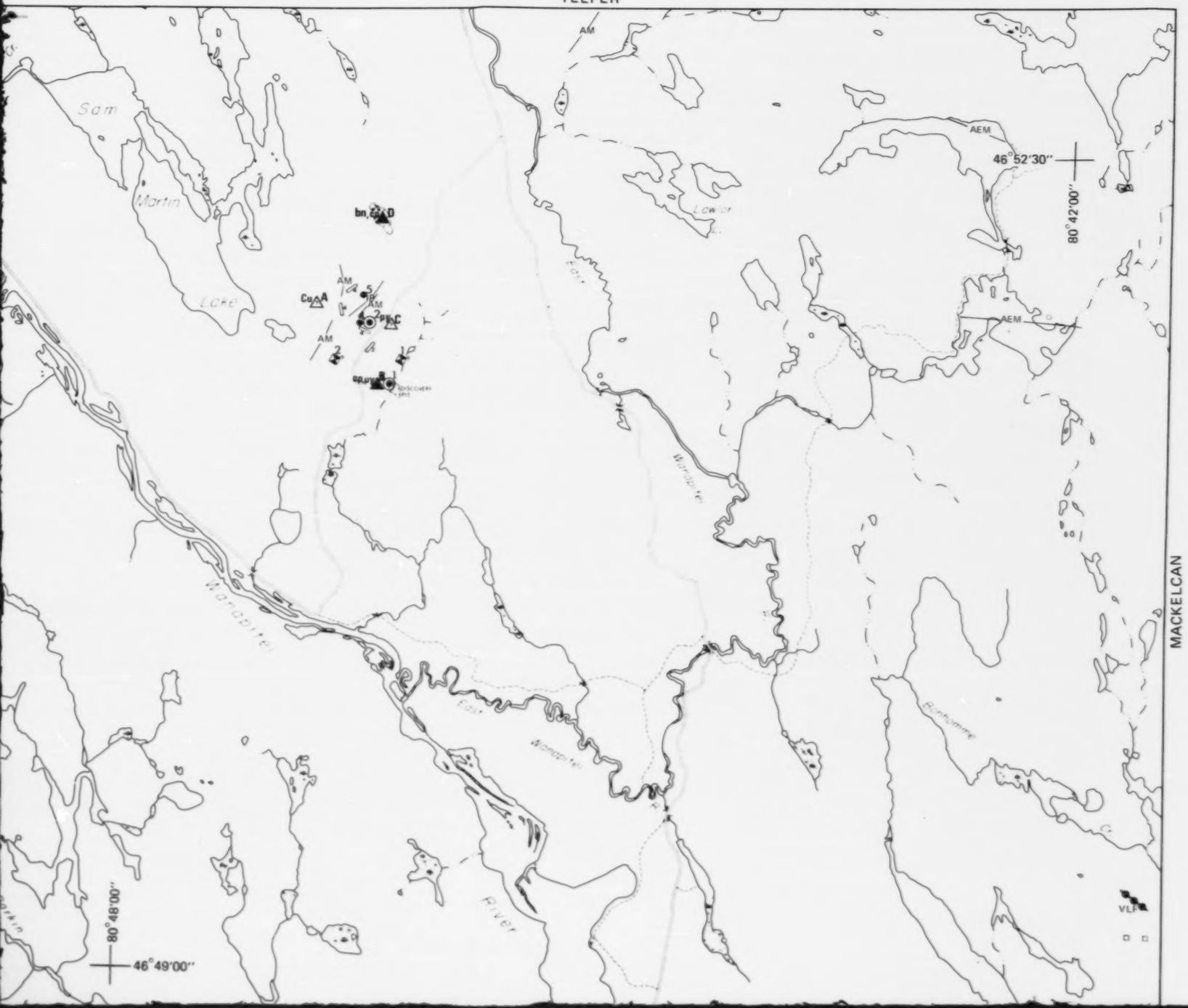
- ■ — Trenching, pit
- □ — Rock quarry

TELFER

PARKIN



TELFER



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Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 336

(Map 2 of 2)

AYLMER TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized float with reference letter

DRILLHOLE

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- Property with drillholes which have not been plotted on map,

GEOPHYSICAL ANOMALIES

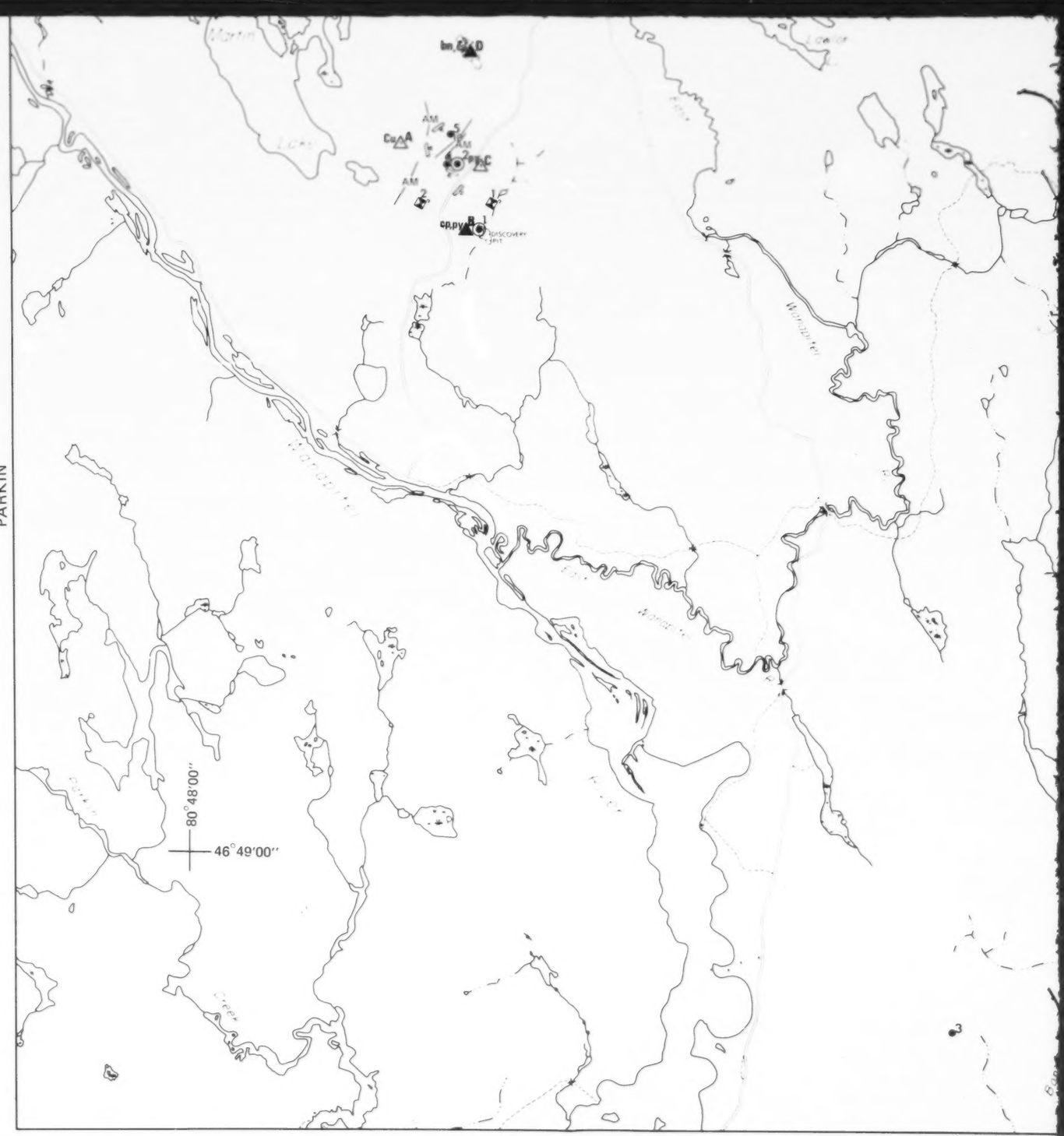
- Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horizontal loop;
  VLF - Very low freq; Turam; JEM -
  Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly
  (total intensity)
- Resistivity anomaly
- Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.

PARKIN



(Map 2 of 2)

AYLMER TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

MACKELCAN

80°48'00"

46°49'00"

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter

DRILLHOLE

- ●² — Location of single drillhole, with reference number
- ◉² — Location of closely spaced group of drillholes, with reference number
- (?)² — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- ○² — Property with drillholes which have not been plotted on map, with reference number
- ⊕² — Reverse circulation drillhole; churn drilling, with reference number